

"PUSH-ON" SELF ATTACH ADAPTIVE FILTER

Abstract of the Disclosure

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There is provided in a standard ceiling system, comprising suspension rails or elements a movable air delivery diffuser resting on the suspension elements and a filter panel inserted into and retained between the suspension elements and the air delivery diffuser. The filter panel comprises a filter frame and an attached filter designed to be inserted into and retained on the suspension elements of the suspension ceiling. The filter frame has an inner face and an outer face with a filter media retained in the filter frame. The outer edges of the filter media are located and retained adjacent the filter frame inner face. The filter frame outer face has a flexible perimeter flange projecting outwardly from an uppermost portion of the filter frame outer face. This flexible perimeter flange can bend inwardly so as to be substantially flush with said frame outer face and can then flex back outward to engage the suspension elements. The flexible flange preferably can also extend outward so that it is in a direction substantially perpendicular to the filter frame outer face, so that it can be retained between, and frictionally engage, the suspension elements and an outermost edge of the air delivery diffuser or plenum otherwise resting on the suspension elements.

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